

27202

S/056/61/041/002/024/028
B125/B138

26.2311

AUTHORS: Bartov, A. V., Zavoyskiy, Ye. K., Frank-Kamenetskiy, D. A.

TITLE: Magnetoacoustic resonance in strong magnetic fields

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 41,
no. 2(8), 1961, 588-591

TEXT: The authors put aside the previous limiting condition $\omega_0^2 \gg \omega_e^2$ in order to study the possibility of the occurrence of resonance phenomena of the magnetoacoustic type in a plasma with a concentration variable in time. They study the case where the plasma frequency is of the same order as, or less than, the electron cyclotron frequency. Here, ω_e denotes the electron cyclotron frequency. This case occurs either in a rarefied plasma (low plasma frequency) or in very strong magnetic fields (high cyclotron frequency). A plasma with a cyclotron frequency higher than collision frequency is said to be magnetized (with regard to collisions). If the cyclotron frequency is higher than the plasma frequency, the electrostatic oscillations will be magnetized. Such a

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plasma shows oscillatory magnetization. Then, the ratio $\omega_o^2/\omega_e^2 = 4\pi nmc^2/H^2$ is about the same as the ratio of electron rest energy to magnetic energy. Thus, a plasma with magnetic energy higher than the electron rest energy will undergo oscillatory magnetization. In a rarefied plasma, the resonance frequency of magnetic sound will, with a purely radial propagation, approach the lower hybrid frequency. The following general expression for the lower hybrid frequency is derived:

$$\omega_h^2 = \omega_i \omega_e \frac{\omega_o^2 + \omega_i \omega_e}{\omega_o^2 + \omega_e^2} \quad (1).$$

The approximate formula derived by D. A. Frank-Kamenetskiy (ZhETF, 39, 669, 1960) holds for $\omega_o^2 \gg \omega_i \omega_e$. When $\omega_o^2 \ll \omega_i \omega_e$, the lower hybrid frequency tends towards the ion cyclotron frequency, and when $\omega_o^2 \gg \omega_e^2$, towards the geometric mean of ion-electron the cyclotron. There is a wide interval $\omega_e^2 \gg \omega_o^2 \gg \omega_i \omega_e$, in which the approximate formula for the lower hybrid

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frequency reads $\omega_h^2 \sim \omega_0^2 \omega_1/\omega_e$ (2). Here, the lower hybrid frequency is proportional to the plasma frequency. At a given magnetic field strength ($\omega_e = \text{const}$) the resonance frequency of magnetic sound decreases with increasing concentration in a dense plasma and increases in a rarefied one. In between, it should pass through a maximum. If the maximum is flat enough, resonance may occur over a wide range of concentrations. The dispersion relation

$$\begin{aligned} \Omega^4 - b_4\Omega^3 + b_3\Omega^2 - b_2\Omega + b_1\Omega - b_0 &= 0; \\ b_4 &= 3A + B + 2R(1 + \text{ctg}^2 \theta), \\ b_3 &= A^2 + 3AB + B^2 - [2A + B + R(1 + \text{ctg}^2 \theta)]^2, \\ b_2 &= (A + B)[A + R(1 + \text{ctg}^2 \theta)]^2 - AB(A + R), \\ b_1 &= AR[A + R + BR \text{ctg}^2 \theta(1 + \text{ctg}^2 \theta)], \\ b_0 &= AR^2 \text{ctg}^2 \theta(1 + \text{ctg}^2 \theta). \end{aligned} \quad (7)$$

defines the dimensionless frequency $\Omega = \omega^2/\omega_1\omega_e$. Neglecting all coefficients except b_2 and b_1 , the following approximate formula is

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27102

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obtained where $\cot^2 \theta \ll 1$: $\Omega = (1 + \frac{BR}{A+R} \cot^2 \theta) / (\frac{A}{R} + 1 + \frac{B}{A})$ (8). The formula corresponds to the "long cylinder approximation". In these formulas, $A = \omega_0^2 / \omega_i \omega_e$ (4) indicates the square of the Alfvén index of refraction; $B = \omega_e / \omega_i$ is the ratio of the cyclotron frequencies;

$R = k_1^2 c^2 / \omega_i \omega_e = k_1^2 \tilde{r}_i \tilde{r}_e$; $\tan \theta = k_1 / k_3$. Here, ω is resonance frequency; ω_0 is plasma frequency; ω_e and ω_i are the electron and ion cyclotron cyclic frequencies; k_1 and k_3 are the radial and the longitudinal wave numbers; $\tilde{r}_e$ and $\tilde{r}_i$ are the cyclotron radii at the velocity of light; and $0 \leq \theta \leq \pi/2$. X

Under the usual experimental conditions, the "long cylinder approximation" is satisfied with sufficient accuracy. When $\theta = \pi/2$, the maximum in this approximation lies at $A = \sqrt{BR}$, and the maximum value of the dimensionless frequency is $\Omega_m = \sqrt{BR} / (2B + \sqrt{BR})$ (9). The position of the maximum is only slightly shifted, whereas its height increases considerably. The authors' investigations are of great importance in the interpretation of

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experiments on magnetoacoustic resonance under non-linear conditions.
There are 1 figure and 7 references: 4 Soviet and 3 non-Soviet. The
reference to the English-language publication reads as follows: P. Auer,
H. Hurwitz, R. Miller. Phys. Fluids, 1, 501, 1958.

SUBMITTED: March 16, 1961

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Card 5/5

EXCERPTA MEDICA Sec 3 Vol 13/6 Endocrinology Sept 50

1606. PRACTICAL PROBLEMS IN ENDOCRINOLOGICAL RESEARCH. (RESEARCH STUDIES OF THE ENDOCRINOLOGICAL INSTITUTE OF THE SLOVAK ACADEMY OF SCIENCES) - Problemy endokrinologickej prace z hladiska výskumu. (Práce Endokrinologickeho Ústavu SAV) - Bartová A., Klačanský T., Kužela L., Langer P., Macho L., Michajlovskij N., Mikulaj L., Németh S., Sámel M., Sedlák J., Stangelová D. and Verner M. - Endokrinol. Úst., SAV, Bratislava - VYDAVATELSTVE SLOVENSKEJ AKAD. VIED (Bratislava) 1958 (188 pages) Graphs 45 Tables 23

The second of a series of volumes giving an account of research at the Bratislava Endocrine Institute, 1955-1956. Extensive summaries in English, Russian and German.

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ge

CZECHOSLOVAKIA

BARTOVA, A; BURIAN, J; BARTA, K.

1. First Internal Medicine Clinic (I. vnitřní klinika), Olomouc; 2. Surgical Clinic (Chirurgická klinika), Olomouc

Brno, Vnitřní lékařství, No 9, 1963, pp 864-867

"The Relationship between Blood Group Substances and their Secretion to Some Benign and Malignant Diseases of the Stomach and Duodenum."

MAJSKY, A.; HRABA, T.; BARTOVA, Adela; CHUDOMEL, V.; POSLUSNA, Milena

Serological characteristics of non-agglutinated erythrocytes
in patients with blood diseases. Folia biol. (Praha) 9 no.5:
364-374 '63.

1. Institute of Haematology and Blood Transfusion, Prague;
Institute of Experimental Biology and Genetics, Czechoslovak
Academy of Sciences, Prague; First Medical Clinic, University
Hospital, Olomouc.

(LEUKEMIA) (ERYTHROCYTES) (BLOOD GROUPS)
(HEMAGGLUTINATION) (BONE MARROW DISEASES)
(SERODIAGNOSIS)

L 2058-66

ACCESSION NR: AP5077370

CZ/0053/65/000/001/005A/0053

AUTHOR: Bartova, A.; Hocman, G.

TITLE: Determination of corticosterone in the plasma and homogenates of the adrenal gland of rats

SOURCE: Ceskoslovenska fysiologie, no. 1, 1965, 54-55

TOPIC TAGS: biochemistry, gland, rat, endocrinology, hormone

ABSTRACT: The authors describe a method that they developed for fluorometric analysis of corticosterone. The fluorescing reagent is a mixture of 35 parts ethanol and 65 parts sulfuric acid. Technical details of the method are described, and the accuracy and reproducibility of the method are discussed. Orig. art. has 2 graphs.

ASSOCIATION: Endokrinologicky ustav SAV, Bratislava (Endocrinological Institute, SAV)

SUBMITTED: 03Jul64

ENCL: 00

SUB COL: 1B

NO REF SOV: 000
Card 1/1

OTHER: 010

JPRS

L 2053-66

ACCESSION NR: AF5027371

CZ/0053/65/000/001/0056/0058

AUTHOR: Bartova, A.; Mikulaj, L.

TITLE: Experience with determination of ACTH in Vitro

SOURCE: Ceskoslovenska fyziologie, ¹⁴no. 1, 1965, 56-58

TOPIC TAGS: ACTH, gland, rat, endocrinology, biochemistry

ABSTRACT: The method is based on stimulation of the adrenal gland in vitro by ACTH and determination of the corticosterone produced by the gland. Results obtained during tests of this method using adrenal glands of rats are described. The technique of the analysis, its accuracy and reproducibility are discussed. Orig. art. has 2 graphs and 1 table.

ASSOCIATION: Endokrinologicky ustav SAV, Bratislava (Endocrinological Institute SAV)

SUBMITTED: 07Mar64

ENCL: 00

SUB CODE: 1S

NO REF SOV: 000

OTHER: 004

JPRS

Card 1/1

BARTOVA, A.; MIKULAJ, L.

Levels of free and bound 17-hydroxycorticosteroids in the human plasma. Bratisl. lek. listy 45 no.9:547-553 15 My'65.

1. Endokrinologický ústav Slovenskej akadémie vied, Bratislava
(riaditeľ: MUDr. J. Podoba, CSc.).

BARTOVA, A., Bratislava, Obrancov mieru la

Contribution to the determination of gonadotropic hormones.
Cesk. gynek. 30 no.8:599-605 0 '65.

1. Endokrinoi. ustav Slovenskej akademie vied v Bratislave
(riaditel MUDr. J. Podoba, CSc.). Submitted March 10, 1964.

CZECHOSLOVAKIA

BARTOVA, A; KOLENA, J; MACHO, L; POOR, J

Institute of Endocrinology, Slovak Academy of Sciences
(Endokrinologicky ustav Slovenskej akademie), Bratislava
- (for all)

Bratislava, Bratislavske lekarske listy, No 1, January 1966,
pp 23-28

"Adrenal cortex hormone production in experimental animals
and its regulation during ontogenesis."

CZECHOSLOVAKIA

MIKULAJ, L; BARTOVA, A; KOLENA, J; KVETNANSKY, R

Institute of Endocrinology, Slovak Academy of Sciences
(Endokrinologický ústav Slovenskej akadémie), Bratislava
- (for all)

Bratislava, Bratislavské lekárske listy, No 1, January 1966,
pp 29-34

"The corticoidogenic activity of the adrenals *in vitro* at
various phases of adaptation to repeated stress."

CZECHOSLOVAKIA

BARTOVA, A; Endocrinological Institute, Slovak Academy of Sciences
(Endokrinologicky Ustav, SAV), Bratislava.

"Sex Differences in the Response of Adrenal Glands to ACTH During
Postnatal Development of Rats."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, p 101

Abstract: Experiments with incubated adrenal glands of rats aged
1 to 47 days showed that the addition of ACTH to glands from
females resulted in a higher basic production of corticoids and
a higher sensitivity to endogenous ACTH compared to glands from
males. This indicates that female glands have a higher metabolic
activity and capacity. 2 Czech references. Submitted at
"16 Days of Physiology" at Kosice, 29 Sep 65.

1/1

- 146 -

BARTA, K.; BARTOVA, A.; VYKYDAL, M.

The problem of the immunologic effect of various antimalarials.
Vnitřní lek. 11 no.4:321-325 Ap'65.

1. I. vnitřní klinika lékařské fakulty University Palackého,
Olomouc (prednosta: prof. MUDr. Pavel Lelč); a III. vnitřní
klinika lékařské fakulty University Palackého, Olomouc (pred-
nosta: prof. MUDr. Vl. Pelikan).

CHWALIBOG, J., URBANSKI, M. and BARTOSZ, B., Wojewodztwo Veterinary Hygiene Office (Wojewodzki Zaklad Higieny Weterynaryjnej) Gorzow Wlkp. Dr. J. Chwalibog, Head.

"Diarrhea in Swine Caused by a Strain of Bacteria with Biochemical Properties of E. coli and Antigen Properties of S.flexneri"

Lublin, Medycyna Weterynaryjna, Vol 22, No 5, pp 273

Abstract: The rarely encountered strain of Escherichia coli serologically identical with S. flexneri 3a was isolated. Experimental infection of swine showed this strain to be semi-pathogenic, capable of creating the full pathogenic symptom only under favorable conditions (e.g. malnutrition).
No references.

- END -

CSO: 2000-N

1/1

- 76 -

L 29413-66

ACC NR: AP6019958

SOURCE CODE: CZ/0079/65/007/003/0244/0245

AUTHOR: Bartova, C.(Brno); Bouchal, M.

ORG: Psychiatric Clinic, J. Ev. Purkyne University, Brno

TITLE: ²²Thioridazine treatment of ejaculatio praecox [This paper was presented at the 7th Annual Psychopharmacological Meeting, Jesenik, 20-23 January 1965]

SOURCE: Activitas nervosa superior, v. 7, no. 3, 1965, 244-245

TOPIC TAGS: biologic reproduction, drug treatment

ABSTRACT: The age of the patients treated ranged from 25 to 30 years; the disorder lasted from 3 to 30 months. 5 complained of EP only, 15 also of erection disorders. 25 mg was administered after dinner for 15 days. Sexual appetite, mood after sexual intercourse, and the duration of coitus were improved. Thioridazine has effect only during the period in which it is administered. [Orig. art. in Eng.]
[JPRS]

SUB CODE: 06/ SUBM DATE: none

Card 1/1 CC

BARTOVA, D.; KALURIK, M.; GROSS, J.; HOSAK, L.

Experience with the treatment of male sexual disorders with cyanazide.
Activ. nerv. sup. 3 no.2:224-225 '61.

1. Psychiatricka klinika University J. Ev. Purkyne, Brno.

(HYDRAZINE ther) (IMPOTENCE ther)

BARTOVA, D.; NAHUNEK, K.; RODOVA, A.

Clinical experience with butyrylperazine with special reference to side effects. Activ. nerv. sup. 4 no.2:223-224 '62.

1. Psychiatricka klinika lekarske fakulty University J. E. Purkyne v Brne.

(PIPERAZINES toxicol)

CZECHOSLOVAKIA

A. RODOVA, K. NAHUNEK, D. BARTOVA and J. TOVAREK, Psychiatric Clinic and Third Internal Medicine Clinic (III. interni klinika) of Medical Faculty of J.E. Purkyne University, Brno.

"Clinical Experiences with the Thioxanthene Analog Sordinol."

Prague, Activitas Nervosa Superior, Vol 5, No 2, May 63; p 197.

Abstract : Brief preliminary report on treatment of 27 psychiatric patients with this thioxanthene analog of perphenazine, used at 125 mg. parenterally or up to 375 mg./day orally for 7 to 29 days, in combination with triphenidyl. Results fair - somehow a little poorer than with perphenazine. No serious side effects.

1/1

BOUCHAL, M.; BARTOVA, D.

The attitude of homosexuals after the change in the Criminal
Code. Activ. nerv. sup. 6 no.1:100-101 '64.

*

BARTOVA, D.; BOUCHAL, M.

Thloridazin in the treatment of ejaculatio praecox. Cesk.
psychiat. 61 no.2:120-122 Ap '65

1. Psychiatricka klinika lebarske fakulty University J.E.
Purkyne v Brne. 2. D.Bartova's address: Brno, Wurmova 16.

L 11023-66

ACC NR: AP6004970

SOURCE CODE: CZ/0083/65/000/002/0120/0123

AUTHOR: Bartova, D.; Bouchal, M.--Boukhal, M.

ORG: Psychiatric Clinic, Medical Faculty, J. Ev. Purkyně University, Brno
(Psychiatrická klinika lékařské fakulty UJEP)

TITLE: Thioridazine in the treatment of ejaculatio praecox

SOURCE: Ceskoslovenska psychiatrie, no. 2, 1965, 120-123

TOPIC TAGS: drug treatment, genitourinary drug

ABSTRACT:

Thioridazine was administered to 24 patients who have been previously treated unsuccessfully with other drugs; a good effect was observed in 8 patients. In an experiment with a placebo with 15 patients, a substantial improvement in their condition was found as a result of this treatment. Orig. art. has: 2 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: none / OTH REF: 004

HW
Card 1/1

L 39824-66 CD-2
ACC NR: AP6020004

SOURCE CODE: CZ/0079/65/007/003/0291/0291

AUTHOR: Nahunek, K. (Brno); Misurec, J.; Rodova, A.; Ingrova, L.; Bartova, D. ^{1/8}

ORG: Psychiatric Clinic, J. Ev. Purkyně University, Brno; Psychiatric Hospital, Brno

TITLE: Some clinical and experimental experience with proheptatrien ²² This paper was presented at the 7th Annual Psychopharmacological Meeting, Jeseník, 20-23 January 1965

SOURCE: Activitas nervosa superior, v. 7, no. 3, 1965, 291

TOPIC TAGS: therapeutics, drug treatment, psychoneurotic disorder

ABSTRACT: 42 women suffering from endogenic and involuntional depression were treated with the drug. 24 patients showed favorable results and could be discharged. There were frequent side effects. 5 of the patients suffering from severe depression showed deterioration; 2 recovered after transfer to placebo; 3 were cured with electroconvulsions. In the course of the treatment no decrease in photometrazol threshold values could be found. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUM DATE: none

Card 1/1 ⁴⁵

CZECHOSLOVAKIA

BARTOVA, D.; Psychiatric Clinic (Psychiatricka Klinika), Brno.

"Antidepressants in the Treatment of Functional Sexual Disturbances."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, p 360

Abstract: Cyanacethydrazide, prothiadone, imipramine and placebo were administered to 94 male patients. Possibility of sexual relationship, its duration, and its satisfactory course were investigated. All 3 drugs showed better results than the administration of the placebo; imipramine was superior to the other two. 1 Table, 4 Czech references. Submitted at the 8th Annual Psychopharmacological Meeting at Jesenik, 18 - 22 Jan 66.

KUL'BERG, A.Ya.; BARTOVA, L.M.

Isolation of low-molecular antibody fragments from the urine
of immunized rabbits. Vop. med. khim. 9 no.5:514-518 S-0 '63.
(MIRA 17:1)

1. Otdel biokhimii Instituta epidemiologii i mikrobiologii
imeni N.F. Gamalei AMN SSSR, Moskva.

L-27275-66 EWT(1)/T JK

ACC NR: AP6016877

SOURCE CODE: UR/0301/65/011/003/0012/0017

AUTHOR: Bartova, L. M.; Kul'berg, A. Ya.; Volgin, Yu. B.; Tarakhanova, I. A. 261

ORG: Institute of Epidemiology and Microbiology im. N. F. Gamaleya, AMN SSSR, Moscow (Institut epidemiologii i mikrobiologii AMN SSSR)

TITLE: Antitoxic properties of low-molecular antibodies¹⁰ isolated from the urine of immune rabbits

SOURCE: Voprosy meditsinskoy khimii, v. 11, no. 3, 1965, 12-17

TOPIC TAGS: rabbit, antibody, antigen, gamma globulin, blood serum

ABSTRACT: The authors present findings indicating that low-molecular antibodies appear in the urine when rabbits are immunized with antigens of the most different nature. These antigens can be detected not only by reactions in vitro but also, in the case of low-molecular antibodies to the tetanus toxin, through their specific antitoxic effect and in experiments on animals.

The rabbits used in the experiments were immunized with crude tetanus toxin, egg albumin, human serum albumin, and human gamma-globulin combined with dinitrofluorobenzene by the method described by Eisen et al. (J. Exp. Med., Vol 110, p 187). The antibodies were isolated chiefly by means of complement fixation reactions. The low-molecular antibodies isolated from rabbits immunized with tetanus toxoid specifically neutralize tetanus toxin in experiments on animals. Detection of low-molecular antitoxin in the urine of the rabbits occurred when the concentration of antitoxic antigens in the blood serum reached 30-40 AE/cc. Orig. art. has: 1 figure and 2 tables. (JPRS)

SUB CODE: 06 / SUBM DATE: 23Dec63 ORIG REF: 002 / OTH REF: 009
Card 1/1 CC UDC: 616.633-097-02:616.981.551-085.372 2

BARTOVA, Z.

Measurement of the three-phase output by means of Hall probe. E1 tech
cas 13 no.8:513-516 '62.

BARTOVSKA, Lidmila; CERNY, Cestmir

Titrimetric determination of very small quantity hydrogen sulphide and soluble sulphides. Chem listy 58 no.10:1168-1170 O 164.

1. Chair of Physical Chemistry, Higher School of Chemical Technology, Prague.

BARTOVSKY, Tomas; SLADECEK, Jiri; LANDA, Stanislav

Separation of nonanes by gas chromatography. Sbor pal vod
VSChT Vol. 5:101-148, '61 [publ. '62].

1. Katedra synthetickych pohonných latek a katedra procesu a
aparatu, Vysoka skola chemicko-technologicka, Praha.

L 05039-67

ACC NR: AR6015954

SOURCE CODE: UR/0299/65/000/023/RO48/RO48

AUTHORS: Marzokko, F.; Bartrem, F.

TITLE: Statistical teaching models of the behavior of an artificial organism

SOURCE: Ref. zh. Biologiya, Abs. 12R317

REF SOURCE: Sb. Probl. bioniki. M., Mir, 1965, 127-138

TOPIC TAGS: programmed teaching, teaching machine, computer, model, mathematic matrix / IBM 7090 computer

ABSTRACT: A program is prepared for the IBM 7090 computer on the basis of the Estes model, which is designed to imitate and predict behavior. The stimulations are from internal and external sources, and the responses of the organism are introduced into the program by a vector, the components of which are expressed by a set of zeros or ones. The stimuli and responses are related by an associative matrix (M), the columns of which correspond to elementary stimuli while the rows correspond to responses. Teaching was accomplished by changing the relations in M in accordance with the method of reinforcement. Data on the teaching of "man-made" rats in a T-shaped labyrinth are given. These data are connected with one of three responses: choice of the right-hand branch of the labyrinth (R), indeterminate response (M), and choice of the left-hand branch of the labyrinth (L). Response R is always reinforced. If at the beginning the shares of responses R and L were approximately equal, then their deviation was considerable at the end of teaching, although the share of response M was almost unchanged. V. Mil'gram [Translation of abstract]

SUB CODE: 05, 09, 06, 12

Card 1/1 *zlu*

UDC: 577.3

BARTS, M.P.

BARTS, M.P., kandidat biologicheskikh nauk (Khar'kov)

Influence of steroids (desoxycorticosterone acetate) on the fixation of noradrenalin by proteins in the heart [with summary in English p.125]. Mr-Apr '57. (MIRA 10:10)

1. Iz otdela biokhimii (zav. - chlen-korrespondent AN USSR prof. A.M.Utevskiy) Ukrainskogo instituta eksperimental'noy endokrinologii (dir. - kandidat meditsinskikh nauk S.V.Maksimov)

(DESOXYCORTICOSTERONE, eff.

on fixation of arterenol with proteins in heart in rabbits (Rus))

(ARTERENOL, metab.

fization with proteins in heart, eff. of desoxycorticosterone in rabbits (Rus))

(MYOCARDIUM, metab.

arterenol fixation with proteins, eff. of desoxycorticosterone in rabbits (Rus))

BARTS, M.P.

BARTS, M.P.

Proteinization of moradrenaline in the heart of rabbits as a factor of chemical mediation [with summary in English]. Biokhimiia 22 no.4: 677-685 J1-Ag '57. (MIRA 10:11)

1. Otdel biokhimii Ukrainskogo instituta eksperimental'noy endokrino-logii, Khar'kov.

(ARTERENOL, metabolism,
myocardium, binding by proteins (Rus))
(MYOCARDIUM, metabolism,
arterenol, binding by proteins (Rus))
(PROTEIN, metabolism,
myocardium, binding of arterenol (Rus))

UTEVSKIY, A.M.; BARTS, M.P.; BUTOM, M.L.; GAYSINSKAYA, M.Yu.; OSINSKAYA, V.O.;
TSUKERNIK, A.V.; EYDEL'MAN, M.M.

Research on neural regulation of the metabolism of adrenaline and
adrenalinelike substances. Sbor. nauch. trud. Ukr. nauch.-issl.
inst. eksper. endok. 15:62-72 '59. (MIRA 14:11)
(ADRENALINE IN THE BODY) (NERVOUS SYSTEM)

BARTS, M.P.

Effect of the adrenocorticotrophic hormone ACTH on the combination
of noradrenalin with proteins of the rabbit heart. Probl. endkok.
i gorm. 6 no. 1:61-67 Ja-F '60. (MIRA 14:1)
(ACTH) (HEART) (ARTERENOL) (PROTEINS)

BARTS, M. P., (USSR)

"Reaction of Noradrenaline with Progeins of the Effector
Organ and the Importance of this Process in the Mediation of
Mediation of Sympathetic Impulses."

Report presented at the 5th Int'l. Biochemistry Congress, Moscow,
10-16 Aug 1961.

BARTS, M.P.

Mechanism of the action of adrenal cortex hormones. Trudy Ukr.
nauch.-issl.inst.eksper.endok. 18:210-214 '61. (MIRA 16:1)

1. Iz otdela biokhimii Ukrainskogo instituta eksperimental'noy
endokrinologii.

(ADRENOCROTICAL HORMONES)

BARTS, M.P.

Phosphorylase activity and protein-bound noradrenaline in the heart
of a rabbit. Biokhimiia 30 no.5:922-926 S-O '65.

(MIRA 18:10)

1. Otdel biokhimii Ukrainskogo instituta eksperimental'noy endokrino-
logii, Khar'kov.

LALENKOV, Vladislav Nikolayevich; KARAKH, A.S., retsenzent;
BARTS. Ye.G., retsenzent; STEPANOV, N.G., otv. red.;
FISHCHENKO, B.V., red.

[Installation of the electrical equipment of industrial enterprises and systems] Montazh elektrooborudovaniia promyshlennykh predpriatii i ustanovok. Khar'kov, Izd-vo Khar'kovskogo univ., 1965. 333 p. (MIRA 18:7)

L 46221-66 EWP(t)/ETI IJP(c) RDW/JD

ACC NR: AT6034081

SOURCE CODE: HU/2502/65/045/001/0023/0029

AUTHOR: Barcza, Lajos--Bartsa, L.

ORG: Eotvos Lorand University, Institute of Inorganic and Analytical Chemistry,
Budapest (Eotvos Lorand Tudományegyetem, Szervetlen és Analitikai Kémiai Intézet)

TITLE: Data on the chemistry of selenium and selenium compounds, XIII. Methods for the
detection of selenocyanide ions

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 45, no. 1, 1965, 23-29

TOPIC TAGS: selenium, selenium compound, cyanide

ABSTRACT: Although selenocyanide ions are also of practical importance, the literature, including monographs, contains no systematic survey of methods of their detection. Some data on the qualitative and quantitative analysis, and on the inorganic chemistry of selenocyanide were, therefore, collected, critically revised and, in certain cases, complemented by certain observations which appeared to be essential from the aspect of detection. In addition, a new method was developed for the reliable detection of the compound. It is based on the chloroform extraction of the complex diseleno-tetrapyridino cadmium, followed by acid decomposition. The new detection method is very sensitive ($\lambda = 4.4$) and extremely highly selective. [Based on author's Eng. abst.] [JPRS: 33,540]

SUB CODE: 07 / SUBM DATE: 05Jun64 / ORIG REF: 001 / SOV REF: 003
OTH REF: 023

Cord 1/1 blg

BARTSAL, N.A.; BAU, M.M.; TITOV, M.A.

Automatic weighing unit for loading motor vehicles with loose
materials. Priborostroenie no. 12:29 D '60. (MIRA 14:1)
(Weighing machines) (Loading and unloading)

SELLEI, Camillo, dr.,; LEHOCZKY, Gyozo, dr.,; BARTSCH, Aurel, dr.,;
ECKHARDT, Sandor, dr.,; HARTAI, Ferenc, dr.,; MOLNAR, Endre, dr.,;
TOTTOSSY, Bela, dr.

Hormone and surgical therapy of the metastases in breast cancer.
Orv. hetil. 97 no.2:45-49 8 Jan 56.

1. Az Országos Onkológiai Intézet (igazgató: Venkei Tibor dr. az
orvostudományok Kandidátusa) Belgyógyászati Osztályának (főorvos:
Sellei Camillo dr.) és Nagygyógyászati Osztályának (főorvos:
Lehoczky Gyozo dr.) közleménye.

(BREAST, neoplasms

metastases, ACTH & cortisone ther. & surg. castration
(Hun))

(ACTH, ther. use

cancer of breast, metastases, with cortisone & surg.
castration (Hun))

(CORTISONE, ther. use

cancer of breast, metastases, with ACTH & surg.
castration (Hun))

(CASTRATION

in ther. of breast cancer metastases, surg. with
(ACTH & cortisone ther. (Hun))

BARTSEV, G.I., gorayy inzh.

Using enclosed-body cars in the mines of nonferrous
metal industries. Gor. zhur. no.10:63-64 0 '65.

(MIRA 18:11)

1. Kazgiprotsvetmet.

SUKHAREV, G.M.; BARTSEV, O.B.

Some data on the thermophysical properties of rocks composing the cross sections of oil and gas fields in the northern part of Sakhalin. Dokl. AN SSSR 162 no.1:164-165 My '65. (MIRA 18:5)

1. Groznenskiy neftyanoy institut. Submitted August 27, 1964.

SUKHAREV, G.M.; BARTSEV, O.B.

Temperature conditions and thermophysical properties of rocks
in the cross section of Sakhalin oil and gas fields. Geol.
nefti i gaza 9 no. 1:40-42 Je '65. (MIRA 18:12)

1. Groznenskiy neftyanoy institut.

BARTSEVA, N.N.; PERFIL'YEV, Yu.S.

Materials on the stratigraphy of the Ordovician and Silurian of the
northwestern Altai Mountains. Trudy VAGT no.3:5-12 '57. (MIRA 11:3)
(Altai Mountains--Geology, Stratigraphic)

BARTSEVA, H.N.

Pre-Devonian formations in Zyryanovsk District, East Kazakhstan
Province. Trudy VAGT no.3:13-14 '57. (MIRA 11:3)
(Zyryanovsk District--Geology, Stratigraphic)

BARTSEVICH, B.N. (Leningrad)

Use of an acrylate cannula in lacrimal duct atresia. Vest. oft.
70 no.1:27-31 Ja-F '57 (MLRA 10:5)

(LACRIMAL APPARATUS, abnorm.

atresia of lacrimal duct. surg., technic with acrylate
cannula) (Rus)

BARTSEVICH, B.N., podpolkovnik meditsinskoy sluzhby

Treatment of severe thermal burns of the eye. (~~Experimental~~
study). Voen.-med. zhur. no.11:64-66 N '61. (MIRA 15:6)
(EYE--WOUNDS AND INJURIES)
(BURNS AND SCALDS)

Country : USSR
Category : Farm Animals. Cattle. 9
Abs. Jour : Ref Zhur-Biol., No 21, 1958, 96878
Author : Bartsh, K.-G.
Institut. :
Title : New Experiments in Fattening of Cattle.

Orig Pub. : Mezhdunar. s.-kh. zh., 1957, No 4, 55-64
Abstract : The growth of meat production should not proceed by increasing the weight of cows but by intensifying the fattening of calves and young cattle stock. Fattening procedures for calves are shown which in 8-12 weeks lead to 100 kg of live weight with whole and skim milk and in 16-18 weeks of normal nursing and utilization of concentrates to 185 kg. Data are supplied on the fattening of 15 young bulls to a weight of 300 kg in 8-10 months. -- A. D. Musin

Card: 1/1

BARTSINSKAYA, M.N. (Moskva)

Shortcomings in students' knowledge and skills of arithmetic. Mat.v
shkole no.2:16-18 Mr-Apr '57. (MLRA 10:5)
(Arithmetic--Study and teaching)

"APPROVED FOR RELEASE: 06/06/2000

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APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203810003-4"

CZECHOSLOVAKIA/Inorganic Chemistry. Complex Compounds.

C

Abs Jour: Ref Zhur-Khim., No 24, 1958, 80966.

Author : Okac A., Dartucek M.

Inst :

Title : Certain Silver Cyanide Compounds.

Orig Pub: Spicy vyd. prirodoved. fak. Masarykovy univ., 1958,
No 1, 9-18.

Abstract: It is considered by the authors that a precipitate of silver cyanide formed in the Liebig's method (Liebig J., Annal., 1851, 77, 102) has $\text{Ag}[\text{Ag}(\text{CN})_2]$ (I) formula. From NH_3 solutions containing I, $[\text{Ag}(\text{NH}_3)_2]^+$ $[\text{Ag}(\text{CN})_2]^-$ was isolated. From pyridine (Py), $[\text{Ag}(\text{Py})_2]^+$ $[\text{Ag}(\text{CN})_2]^-$ was isolated. Both salts are unstable, they lose easily NH_3 or Py and are transformed into I. Complexes

Card : 1/2

BARTUCZ, L.; BALOGH, B.

Stature of the Great Cumans. p. 361. Vol 2, 1954. (published in 1954) A MAGYAR
TUDOMÁNYEGYETES BIOCLOGIAI INTÉZETEINEK MUNKONYVE. SZEGEDI RESZ. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

BARTUCZ, L.

Anthropological investigations of the skeletons from the Arpad Period found in Csongrad-Felgyo. In German. p. 235.
(ACTA BIOLOGICA. Vol. 2, no. 1/4, 1956, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

PARTUCZ, L.

The past of Hungarian anthropology and the future tasks for the Anthropology
Section of the Academy. p. 3.
(ANTHROPOLOGIAI KOZLEMENYEK. Vol. 4, no. 2, 1956. Hungary)

SO: Monthly List of East European Accessions (EAL) LC. Vol. 6, no. 12, Dec. 1957.
Incl.

BARTUCZ, I.; FARKAS, GY.

"Two cemeteries of the period of the Avars at Adorjan considered from an anthropological viewpoint." In German. p. 315.

ACTA UNIVERSITATIS SZEGEDIENSIS. PARS BIOLOGICA SCIENTIARUM NATURALIUM.
ACTA BIOLOGICA. Szeged, Hungary, Vol. 3, No. 3/4, 1957.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August
1959.
Uncla.

BARTUCZ, L.

Anthropologiai közlemények. (Magyar Biológiai Társaság. Anthropológiai Szakosztály)
Budapest.
Vol. 1, no. 3/4, 1958.

The birth of the close relationship between Hungarian archaeology and anthropology
80 years ago. p. 71.

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 8, No. 4, April 1959.
Uncl.

BARULIN, Yu.N.

Kinetics of photodepolarization of selenium electrophotographic layers. Zhur. nauch. i prikl. fot. i kin. 10 no.5: 369-377 S-O '65. (MIRA 18:9)

1. Nauchno-issledovatel'skiy institut poligraficheskogo mashinostroyeniya (NIIPoligrafmash).

BARTULIS, A., syinar', Geroy Sotsialisticheskogo Truda

Align with the beacons! Sov. profsoiuzy 17 no. 2:10-11 Ja '61.
(MIRA 14:2)

1. Sovkhoz "Kateniski" Latviyskoy SSR.
(Latvia—Swine) (Socialist competition)

BARTULIS, Anton Petrovich, svinar', Geroy Sotsialisticheskogo Truda;
FEDOTOV, V.M., red.; DEYEVA, V.M., tekhn.red.

[My method of fattening swine] Moi metod otkorma svinei.
Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 38 p.

(MIRA 14:1)

1. Sovkhoz "Koteniki" Latviyskoy SSR (for Bartulis).
(Swine---Feeding and feeds)

BYLYNKA, G.K.; BARULIN, V.T.,

Rapid mining of a heading rise with the PK-3m cutter-loader. Ugol'
39 no.12:11-13 D '64. (MIRA 18:2)

1. Shakhta No.27 kombinata Vorkutugol'.

BARTUNEK, E., doktor inzh.

State and prospects for the protection of chemical equipment
against corrosion. Khim.mash. no.4:22-25 J1-Ag '62. (MIRA 15:7)

1. Direktor Gosudarstvennogo instituta zashchity metallov ot
korrozii imeni Alchimova, Chekhoslovatskaya Sotsialisticheskaya
Respublika.

(Chemical apparatus—Corrosion)

1.7800

39024
S/104/62/000/004/002/006
D040/D113AUTHOR: Bartunek, E., Doctor, Engineer, DirectorTITLE: Chemical nickel platingPERIODICAL: Khimicheskoye mashinostroyeniye, no. 4, 1962, 22-23

TEXT: A method of protecting chemical apparatus from corrosion, i.e. chemical nickel plating, developed by the USSR State Institute of Corrosion Protection of Metals and discussed at a conference of Soviet-bloc specialists in Prague in late 1961, is described. The plating is on Ni-P alloy with 3-10% P. Pore-free coatings are obtained at a coating depth of $2-4 \mu$ with 5 μ . The optimum precipitation rate of 15-20 μ /hr is obtained when the solution is kept at 95-3°C; before regeneration 1 l of the solution is enough for plating 1-2 dm² of the surface; the solution should be regenerated by adding nickel salt and hypophosphite and by continuously eliminating Na₂HPO₃ which forms due to the oxidation of hypophosphite at 50-60°C.

Card 1/3

Chemical nickel plating

39024
S/184/62/000/004/002/006
D040/D113

in the passive state. The polarization curves determined in acid with added H₂O₂ for Ni and Ni-Mo alloy also show that the Ni-Mo alloy is more corrosion-resistant in both the active and passive states. Such a coating can be applied to carbon and stainless steels. The corrosion resistance could also be improved by diffusion annealing, which also improves the adhesion of the coatings.

ASSOCIATION: State Institute of Corrosion Protection of Metals im.
Akinov (USSR)

Card 3/3

DUPAL, Yaroslav [Dupal, Jaroslav]; GAVLICHEK, Yaromir [Havlicek, Jaromir]; STOCHES, Ferdinand [Stoces, Ferdinand]; BARTUNEK, Iosif [Bartunek, Josef]; LEVITMAN, Ye.A. [translator]; TULUPNIKOV, A.I., red.; SUMNIK, Z.A., red.; IL'YUSHENKOVA, T.P., tekhn. red.

[Problems in determining the effectiveness of agricultural production in Czechoslovakia] Voprosy opredeleniia effektivnosti sel'skokhoziaistvennogo proizvodstva v Chekhoslovaki. Pod red. A.I. Tulupnikova. Moskva, Gosstatizdat, 1962. 178 p. Translated from the Czech. (MIRA 15:11)

1. Nauchno-issledovatel'skiy institut narodnokhozyaystvennogo planirovaniya pri Gosudarstvennoy planovoy komissii, Chekhoslovakiya (for Dupal, Gavlichek). 2. Gosudarstvennaya planovaya komissiya, Chekhoslovakiya (for Bartunek).

(Czechoslovakia--Agriculture--Economic aspects)

BARTUNEK, J.; DUPAL, J.

Formation of prices of agricultural products. p. 659.

SBORNIK. ZEMEDELSKA EKONOMIKA. Praha, Czechoslovakia. Vol. 5, no. 9, Sept. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 1, January 1960.

Incl.

BARTUNEK, J; KOLINER, B; KVICERA, J.

Function of the venereal diseases control consultation center.
Cesk. dermat. 25 no.7-8:256-262 July 1950. (CJML 20:1)

1. Venerological Institute of the Central National Committee
in Prague.

KITTNER, E.; BARTUNEK, J.

Preliminary findings in cerebrospinal fluid analysis in control
of venereal diseases. Prakt. lek., Praha 31 no. 9:209-212 5 May
1951. (CLML 22:3)

1. Of the Institute of Venereology and of the Cerebrospinal Fluid
Laboratory of Psychiatric Clinic.

BARTUNEK, Josef

Jubilee exhibition of the activities of the Association of Czechoslovak Mathematicians and Physicists and the exhibition of instruction means for object teaching in mathematics and physics. Pokroky mat fyz astr 8 no.1:52-54 '63.

HERCIK, P.; BARTUNEK, M.

Heating table for the microscope. Chesh.biol. 2 no.4:246-247 Ag '53.
(MLRA 7:4)

1. Institut obshchey biologii meditsinskogo fakul'teta universiteta
im. Masarika, Brno. (Microscope and microscopy)

BARTUNEK, M.

Drilling of the aperture in the diaphragm of electron microscope.
Chekh. biol. 3 no.3:191-193 Aug 54.

1. Institut obshchey biologii meditsinskogo fakul'teta universiteta
v Brno.

(MICROSCOPY, ELECTRON,
drilling of aperture in diaphragm)

BARTUNEK, M.

BARTUNEK, M.

Bleaching by means of sodium chlorate. p. 116. (Textil, Praha, Vol. 9, no. 4, Apr. 1954)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, No. 6, June 1955, Uncl

BARTUNEK, Miroslav, inz.

June, the month of water purity. Sklar a keramik 13
no. 6: Supplement: Sklar a keramik no. 6: 47-48 Je '69.

1. Ministerstvo spotřebního průmyslu, Praha.

Country : U.S.S.R. H-55
 Category= : Chemical Technology. Chemical Products and Their
 Applications. -- Cellulose and Its Derivatives.
 Abs. Jour. : R. Zh. - Khim., No. 11, 1959 40947
 Author : Bartunek, R.
 Institut. : Not given
 Title : Viscosity Differences Between Cellulose Solutions
 in the Same Solvent, at the Same Concentration, and
 at the Same Degree of Polymerization
 Orig. Pub. : Das Papier, 12, No 17-18, 455-460 (1958)
 Abstract : Determinations of the viscosity of a given cellulose
 of a specified degree of polymerization in cupram-
 monium reagent give different results depending on
 whether the solution of given concentration is pre-
 pared directly from a weighed sample or was obtained
 by the dilution of a solution of higher concentration
 than the test solution. Curves characterizing the
 dependence of the specific viscosity on the concen-
 tration are straight lines with a slope towards the
 abscissa which is steeper when the solutions are
 prepared by the dilution of more concentrated solu-
 tion to a lower concentration than when solutions of

Card: 1/4

H-179

Country	: GDR	H-33
Category	: Chemical Technology. Chemical Products and Their Applications. -- Cellulose and Its Derivatives.	
Abs. Jour.	: R. Zh. - Khim., No. 11, 1959	40947
Author	:	
Institut.	:	
Title	:	
Orig Pub.	:	
Abstract	: the same concentration are prepared from weighed samples. The viscosity drop is greater in the case of diluted solutions than when the same solution is prepared by the dissolution of a weighed sample. This phenomenon increases in intensity with increasing degree of polymerization of the cellulose and is independent of the type of cellulose used. The same phenomenon is observed in the case of solutions of C in Cu-ethylenediamine solution and to a smaller degree in solutions of C in the system ferric hydroxide-tartaric acid-NaOH as well as in solutions of nitrocellulose in acetone.	
Card:	2/4	

Country	: GDR	H-33
Category=	: Chemical Technology. Chemical Products and Their Applications. -- Cellulose and Its Derivatives.	
Abs. Jour.	: R. Zh. - Khim., No. 11, 1959	40947
Author	:	
Institut.	:	
Title	:	
Orig. Pub.	:	
Abstract	: Solutions of C xanthate in dil alkalis do not exhibit the above behavior and the viscosity of a solution of given concentration is the same whether it was obtained by the dilution of a more concentrated solution or by the direct dissolution of a weighed sample. The author concludes that C xanthate dissolves in alkali solutions by a molecular mechanism, whereas in other solvents the C or C ethers dissolve in the form of associates of varying size. The number of associates decreases as well as their size when the solutions are diluted. The author recommends that the characteris-	
Card:	3/4	
H-170		

Country : GDR
Category : Chemical Technology. Chemical Products and Their Applications. -- Cellulose and Its Derivatives. H-33
Abs. Jour. : R. Zh. - Khim., No. 11, 1959 40947
Author :
Institut. :
Title :

Orig Pub. :

Abstract : tic viscosity of C be measured in solutions of C xanthate in dil alkalis, since such a procedure permits the use of larger samples and larger solution volumes and in addition, the C dissolves in such solutions in the least associated state.
A. Pakshver

Card: 4/4

BARTAK, Stanislav, inz.; BARTUNKOVA, Alena, inz.; STARY,
Jaroslav, inz.

VUST experimental transistor television receiver. Sdel
tech 12 no. 3:89-92 Mr '64.

CZECHOSLOVAKIA

BARTUNKOVA, R., JANSKY, L., ZEISBERGER, E; Chair of General Zoology and Comparative Physiology, Faculty of Natural Sciences, Charles University (Katedra Obecné Zoologie a Srovnávací Fysiologie Přírodovědecké Fakulty KU), Prague.

"Adaptation to Cold and the Calorigenic Effect of Norepinephrine."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, pp 95-96

Abstract: Adaptation to cold is accompanied by an increased sensitivity to norepinephrine effects. Norepinephrine induces metabolic changes similar to those of cold. Experiments with white rats at temperatures between -4 and +25°C were conducted for 3 weeks. The greatest metabolic response to norepinephrine was shown by rats kept for 3 weeks at -4°C, smallest in those at +25°C. Acclimatization is completed in 20 days at all temperatures. 1 Figure, 4 Western, 2 Czech references. Submitted at "16 Days of Physiology" at Kosice, 28 Sep 65.

BARTUNKOVA, Zofie, MUDr, assistant FZS UNV v Prase

The principle of neuroreflexes in therapy and prevention of occupational dermatoses. Cesk. derm. 24 no.5:273-278 Oct 54.

(SKIN, diseases

occup., prev. & control, neuroreflex principle, Pavlovian theory)

(OCCUPATIONAL DISEASES

dermatoses, prev. & control, neuroreflex principle, Pavlovian theory)

(REFLEXES

neuroreflex principle in ther. of occup. dermatoses, Pavlovian theory)

BARTUNKOVA, Zofie, Dr.; VESELY, Karel, Dr.

~~WAS NOT RECORDED IN THE ORIGINAL FILE~~

Therapy of pruritus vulvae with novocain block. Cesk. gyn. 20 no.1:
25-29 Feb 55.

1. Z odd. kozni (zast. predn. doc. Dr. Bohumil Rejsek) a z odd. nem.
sen. a det. gyn. (zast. predn. Dr. Karel Vesely) polikliniky KU v
Praze

(PRURITUS

vulvar, ther. procaine block)

(VULVA, diseases

krauroris, ther. procaine block)

(PROCAINE, ther. use

krauroris vulvae, sacral & ischiorectal block)

BARTUNKOVA, Zofie, Asistent MUDr.; JANDA, Zdenek, Asistent MUDr.

Safety and value of suboccipital punctures. Prakt. lek.,
Praha 35 no.12:274-276 20 June 55.

1. Z I. derm.-venerol. kl. -amb. slozka, Prednosta: prof.
MUDr. K. Gavalowski a z psych. kl. v Praze, Prednosta: Prof.
MUDr. Z. Myslivecek.

(PUNCTURES

cisternal in diag. of venereal dis., indic.)
(VENEREAL DISEASES, diagnosis
puncture, cisternal, indic.)

~~BARTUNKOVA, Zofia, MUDr.~~

Chamazulen ointment in the treatment of indolent ulcers of the
leg. Cesk. dermat. 31 no.6:334-339 Dec 56.

1. Kozni oddeleni fakultni polikliniky Praha, prednosta prof.
MUDr. Gawalowski.

(LEG, ulcer,
ther., azulene (Cz))
(CYCLOPARAFFINS, therapeutic use,
azulene in leg ulcer (Cz))

S/081/62/000/012/024/063
B166/B101

AUTHOR: Bartus, Jozsef

TITLE: A high-precision wide-range radioactive level feeler

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 12, 1962, 343, abstract
12I115 (Elelm, ipar, v. 15, no. 11, 1961, 347-350)

TEXT: The characteristics of level feelers (the output quantity as a function of the change in level) with a radiation source and a detector located (1) above and below the reservoir, (2) along the sides of the reservoir, respectively are examined. It is shown that the stepped characteristic of the second arrangement ensures an accuracy of ± 5 mm when a source with Cs^{137} 1 mci is used. Such a sensor with a servomechanism readjusting it is suitable for reservoirs containing a considerable height of liquid. [Abstracter's note: Complete translation.]

Card 1/1

DECKER, Miloslav, inz.; DOLEZEL, Radomir, inz.; BARTUSEK, Josef; KURKA, Jan,
inz.

Universal multistoried assembled skeleton structure. Pozemni
stavby 13 no.4:163-168 '65.

1. Prumstav, Pardubice (for all except Kurka). 2. Research
Institute of Building Construction, Veseli nad Luznici (for
Kurka).

BARTUSEK, M.; OKAC, A.

Complex salts of formaldoxime. Coll Cz chem 26 no.1:52-58 Ja '61.
(EEAI 10:9)

1. Institut für analytische Chemie, J. E. Purkyne-Universität, Brno.
(Formaldehyde oxime)

BARTUSEK, M.; OKAC, A.

Complex salts of formaldehyde oximes, Part 3: Complex compounds of nickel, manganese and cobalt. Coll Cz Chem 26 no.9:2174-2188 '61.

1. Institut für analytische Chemie, J. E. Purkyně Universität, Brno.

(Oximes) (Nickel) (Manganese) (Cobalt)

CZECHOSLOVANIA

BARTUSEK, M; STANKOVA, O.

Institute of Analytical Chemistry of Turkyne University,
Brno (for both)

Prague, Collection of Czechoslovak Chemical Communications,
No 10, 1965, pp 3415-3425

"Complexes of Uranyl with Phenol Ligands II. Potentiometric
Examination of Complexes of Pyrocatechin-5-Sulphonic Acid
and Pyrocatechin-3,5-Disulphonic Acid."

CZECHOSLOVAKIA

BARTUSEK, M; RUZICKOVA, J

1. Institute for Analytical Chemistry, Purkyne University
(Institut fur analytische Chemie, Purkyne Universitat)
Brno - (for Bartusek); 2. Fodder Research Institute (For-
schungsinstitut fur Futtermittel), Pohorelice (near Brno)
- (for Ruzickova)

Prague, Collection of Czechoslovak Chemical Communications, No 1,
January 1966, pp 207-221

"Complexes of uranyl with phenol liquids. Part 5: Potentiometric
investigation of the complexes with 2,3-dihydroxynaphthalene -6-
sulfonic acid, chromotropic and kojic acid, pyrocatechin, resorcin,
and phenol."

CZECHOSLOVAKIA

BARTUSEK, M

Institute of Analytical Chemistry, Purkyne
University, Brno

Prague, Collection of Czechoslovak Chemical
Communications, No 2, February 1967, pp 757-773

"Uranyl complexes with phenol ligands. Part 8:
Potentiometric research on uranyl complexes with
p-nitrophenol 4-nitropyrocatechol, 2-3-dihydrox-
graphthlene, alizarine 3, pyrogallolcarbonic acid
and pyrogallolsulfonic acid and with a mixture of
tiron and sulfosalicylic acid."

BARTUSEK, O.

BARTUSEK, O. Copper and lead metallurgy in Sweden. p. 66.

Vol. 7, no. 2, Feb. 1957

HUTNIK

TECHNOLOGY

Czechoslovakia

So: East European Accession, Vol. 6, No. 5, May 1957

BARTUSEK, V.

Mineralogical geological bibliography of the Czechoslovak
Republic for 1954 V. Bartusek
1955 1 100 4 4 36 07504
National Desk Head Vol
Michael Henschel

"APPROVED FOR RELEASE: 06/06/2000

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APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203810003-4"

BARTUSEVICHENE, A. S.

Cand Med Sci - (diss) "Clinical, roentgenological, and pathomorphological observations in tuberculosis of the kidneys."
Vil'nyus, 1961. 21 pp with diagrams; (Ministry of Higher and Secondary Specialist Education USSR, Vil'nyus State Univ imeni V. Kapsukas); 250 copies; price not given; (KL, 7-61 sup, 256)

ARTYCH, A.

"The selection of electric motors for various drives."

p. 236 (Energetika, Vol. 8, No. 6, June 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (MEEA) Vol. 7, No. 9, September 1958.

BARTUSEVICIENE, A., kand. med. nauk; SLIMAS, A., red.

[Diagnosis of tuberculosis of the kidneys] Inkstu tuberkuliozes diagnostika. Vilnius, Leidykla "Mintis," 1964. 126 p. [In Lithuanian] (MIRA 18:1)